

Sheet 1 of 1

|   |    |   |            |                                       |              |                               |  |
|---|----|---|------------|---------------------------------------|--------------|-------------------------------|--|
| Form PTO-1449<br>(REV. 8-83)  |    | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |            | ATTY DOCKET NO.<br>117046             |              | APPLICATION NO.<br>10/660,560 |  |
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)   |    |   |            | APPLICANT(S)<br>Takanori MASUI et al. |              |                               |  |
|   |    |   |            | FILING DATE<br>September 12, 2003     |              | GROUP                         |  |
| U.S. PATENT DOCUMENTS   |    |   |            |                                       |              |                               |  |
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER                                   | DATE       | NAME                                  | CLASS        | SUB<br>CLASS                  |  |
| JP  | 1. | 5,867,824   | 2/2/1999   | SAITO et al.                          | <del>X</del> | <del>X</del>                  |  |
| JP  | 2. | US2002/0032596A1                                  | 3/14/2002  | OHSAKI et al.                         |              |                               |  |
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| FOREIGN PATENT DOCUMENTS  |    |   |            |                                       |              |                               |  |
|   |    | DOCUMENT NUMBER                                   | DATE       | COUNTRY                               | CLASS        | SUB<br>CLASS                  |  |
| JP  | 3. | JP A 2001-282970 w/abstract                       | 10/12/2001 | JAPAN                                 | <del>X</del> | <del>X</del>                  |  |
| JP  | 4. | JP A 2002-99686 w/abstract                        | 4/5/2002   | JAPAN                                 |              |                               |  |
| JP  | 5. | JP A 8-123744 w/abstract                          | 5/17/1996  | JAPAN                                 |              |                               |  |
|   |    |   |            |                                       |              |                               |  |
|   |    |   |            |                                       |              |                               |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |    |   |            |                                       |              |                               |  |
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| EXAMINER /Joseph Pan/   |    |   |            | DATE CONSIDERED 01/18/2007            |              |                               |  |
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Date: November 5, 2003